

PROCESS FOR THE PREPARATION OF OLEFIN OXIDES

Abstract

10 A process in continuous is described for the preparation of
oxides of olefins by the direct epoxidation of an olefin
with hydrogen peroxide, or compounds capable of producing
hydrogen peroxide under the reaction conditions, in a sol-
vent medium, in the presence of a catalytic system consist-
15 ing of a zeolite containing titanium and a nitrogenated or-
ganic base having formula (I).

The process allows the production of high conversions
and selectivities of the olefin into the corresponding ox-
ide with a stable catalytic activity over a period of time.